

30-2813: Anti-Hu CD270 Purified

Clonality :	Monoclonal
Clone Name :	CW10
Application :	WB
Reactivity :	Human
Gene :	TNFRSF14
Gene ID :	8764
Uniprot ID :	Q92956
Format :	Purified
Alternative Name :	TNF receptor superfamily member 14 TNFRSF14, TR2, ATAR, HVEA, HVEM, LIGHTR
Immunogen Information :	recombinant human CD270

Description

CD270 is a type I transmembrane protein of the TNFR superfamily, which is expressed on resting T cells, monocytes, and immature dendritic cells. Its ligands, CD258 and CD272, differ in effect on CD270 signaling. Whereas binding to CD258 provides a costimulatory signal, binding to CD272 gives to the cell an inhibitory signal. CD270 also is recognized by herpes simplex glycoprotein D. CD258-CD270 interaction and signaling is implicated in macrophage-derived foam cell-mediated development of atherosclerotic lesions.

Specificity : The mouse monoclonal antibody CW10 recognizes an extracellular epitope on CD270, a type I transmembrane protein expressed on resting T cells, monocytes, and immature dendritic cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml.

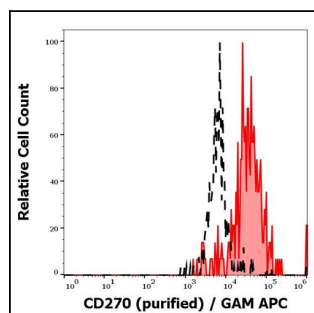


Figure 1: Separation of HDLM-2 cells stained using anti-CD270 purified antibody from HDLM-2 cells unstained by primary antibody in flow cytometry analysis (surface staining).